

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079296.D
 Acq On : 01 Jul 2024 15:18
 Operator : RP/MD
 Sample : P3135-02
 Misc : 3.45G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 05:58:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	139649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	300273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87283	65.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.300%
35) Dibromofluoromethane	7.805	113	97096	49.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.269	98	293121	41.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.680%
62) 4-Bromofluorobenzene	12.569	95	102903	45.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.520%

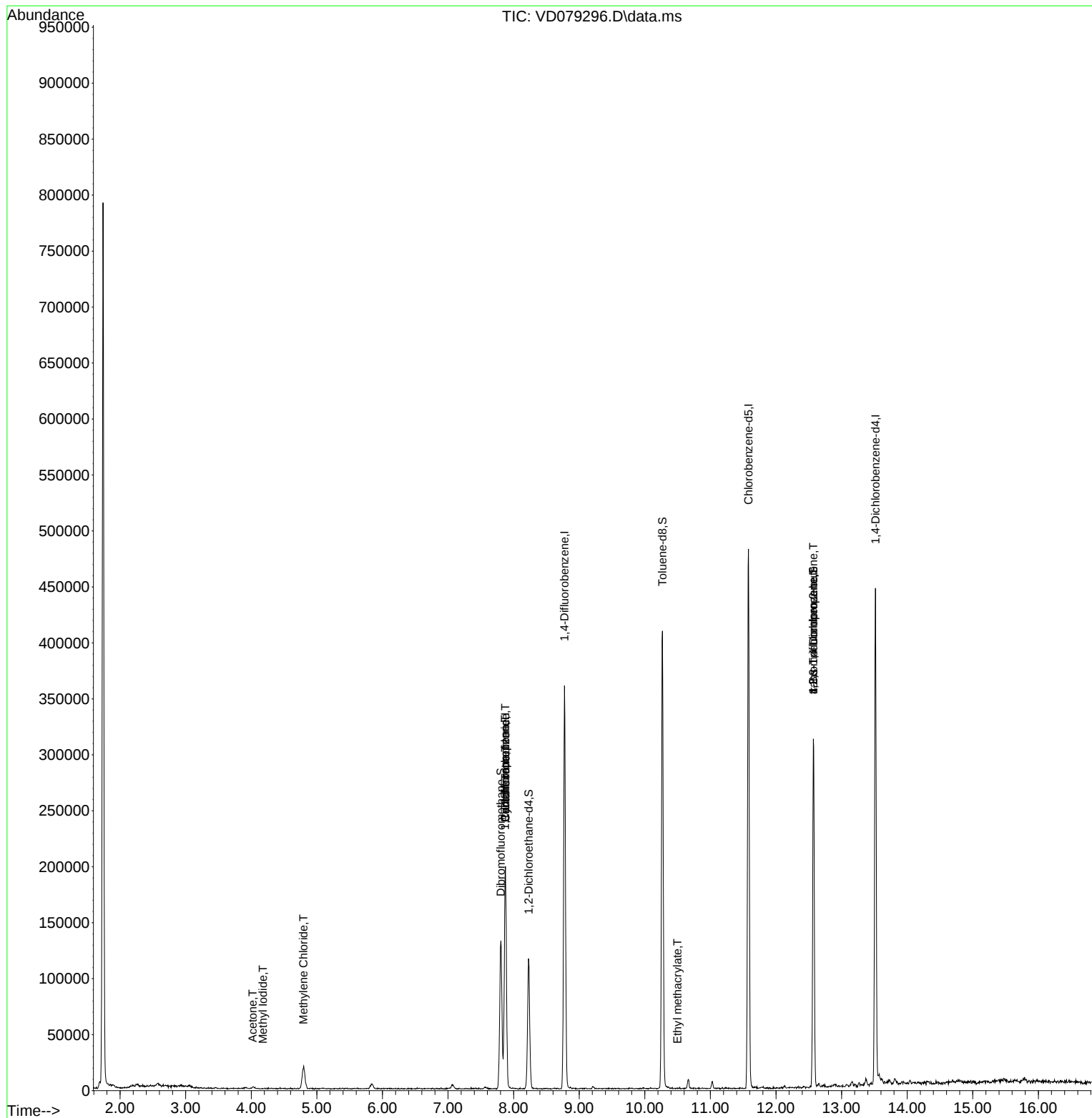
Target Compounds					Qvalue	
5) Bromomethane	2.687	94	412	Below Cal	#	79
10) Methyl Iodide	4.175	142	55	6.163	ug/l #	41
16) Acetone	4.022	43	2728	8.231	ug/l	96
20) Methylene Chloride	4.793	84	16606	1.952	ug/l	90
31) Cyclohexane	7.875	56	3239	1.091	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	13997	4.571	ug/l #	46
38) Carbon Tetrachloride	7.875	117	15190	4.885	ug/l #	17
56) Ethyl methacrylate	10.499	69	67	3.747	ug/l #	35
76) 1,2,3-Trichloropropane	12.569	75	53510	46.808	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	53510	86.858	ug/l #	19

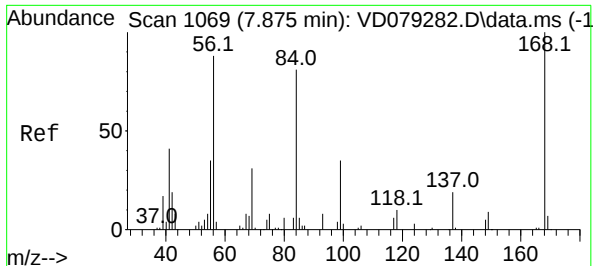
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
Data File : VD079296.D
Acq On : 01 Jul 2024 15:18
Operator : RP/MD
Sample : P3135-02
Misc : 3.45G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

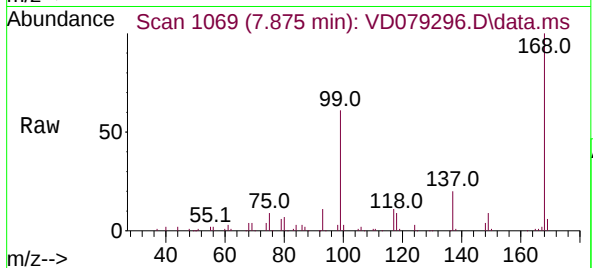
Quant Time: Jul 02 05:58:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



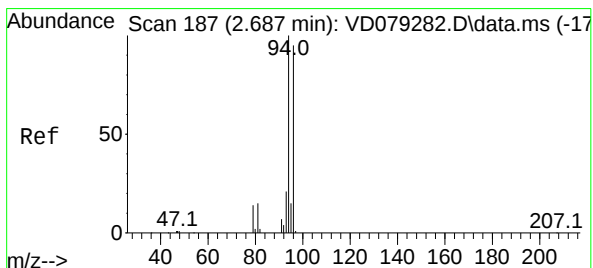
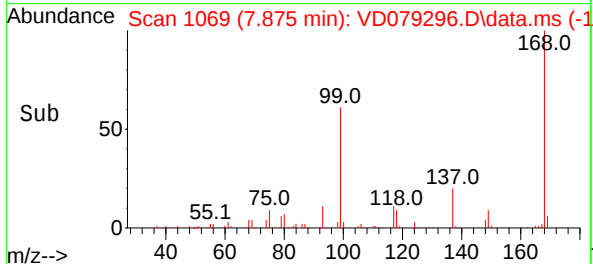
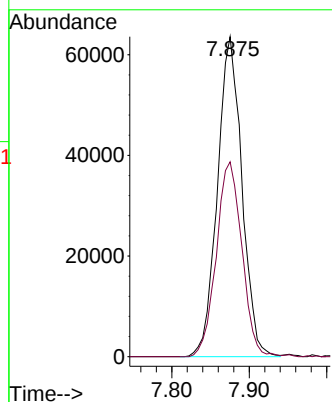


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

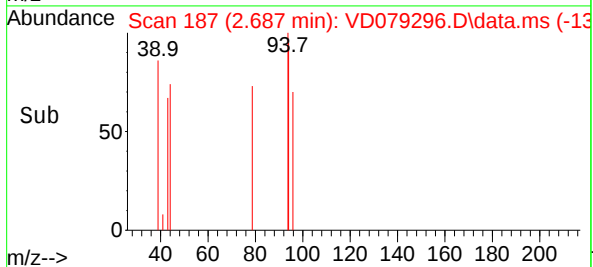
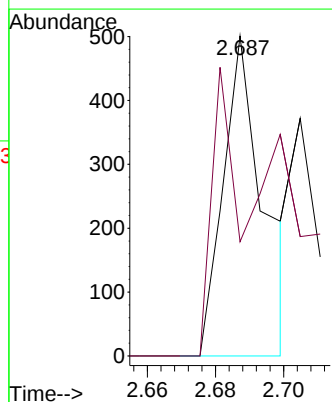
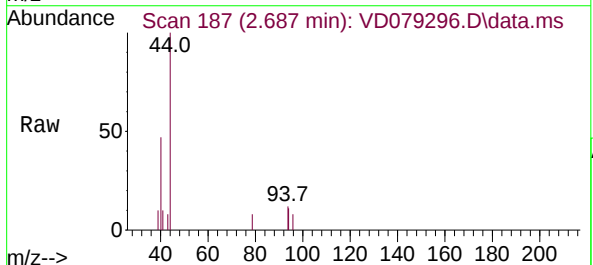


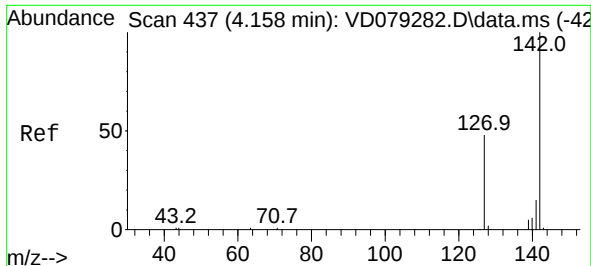
Tgt Ion:168 Resp: 139649
Ion Ratio Lower Upper
168 100
99 60.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

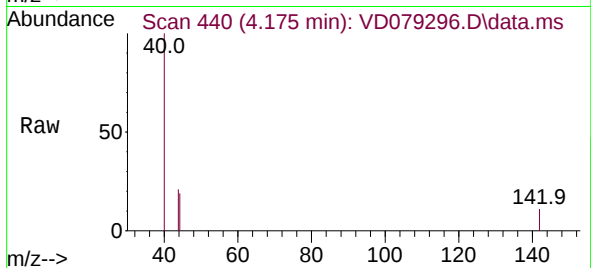
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 75.7 76.9 115.3#



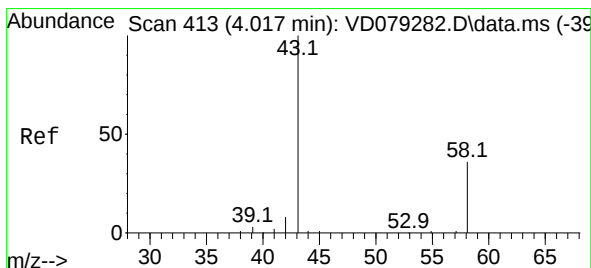
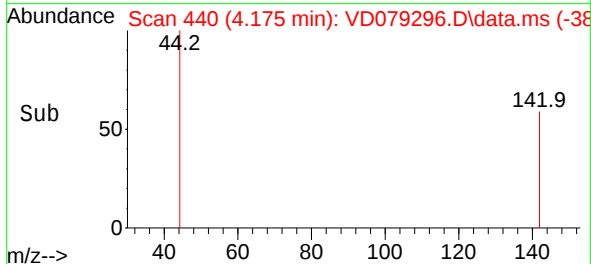
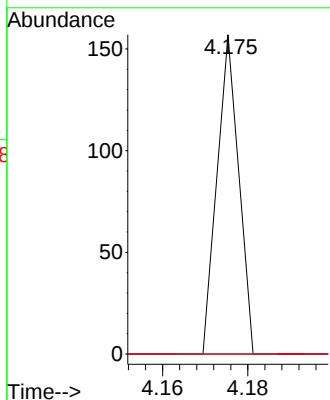


#10
Methyl Iodide
Concen: 6.163 ug/l
RT: 4.175 min Scan# 41
Delta R.T. 0.017 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

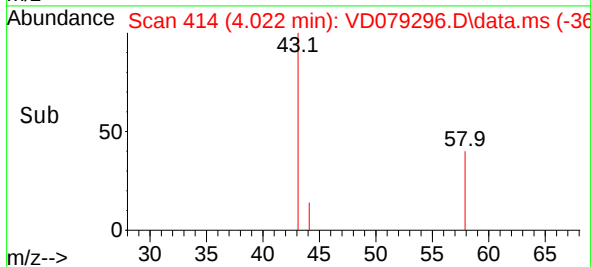
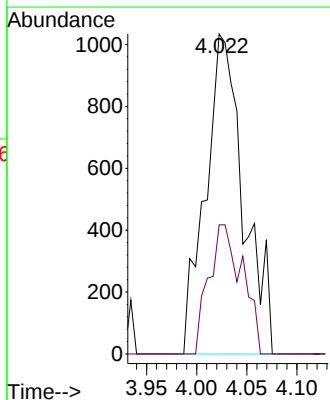
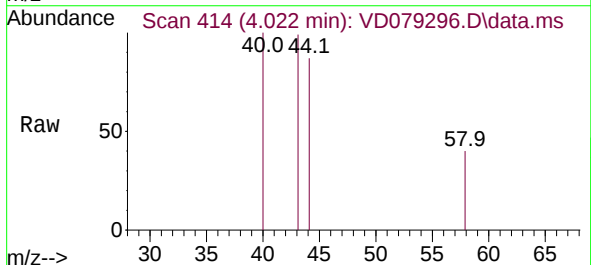


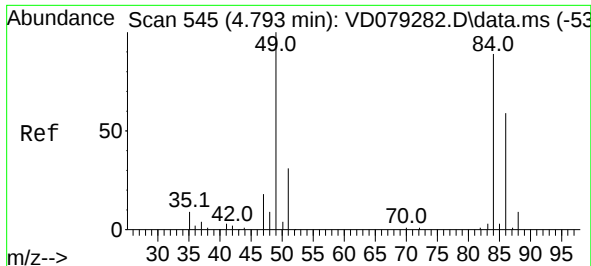
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 34.2 51.4#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 8.231 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

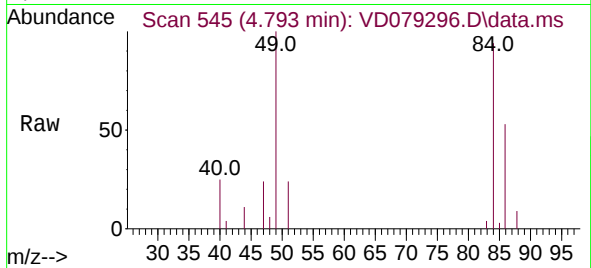
Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6



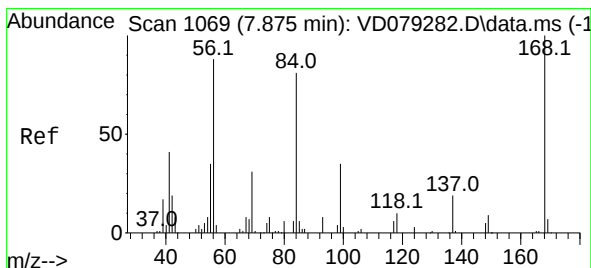
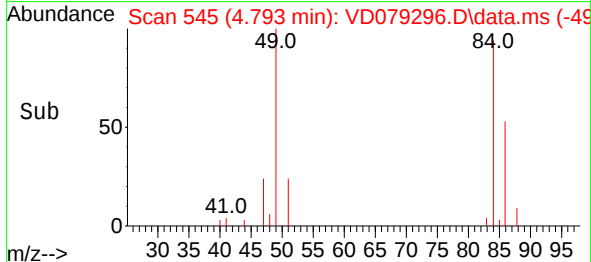
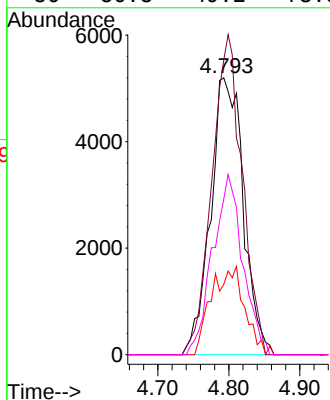


#20
Methylene Chloride
Concen: 1.952 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

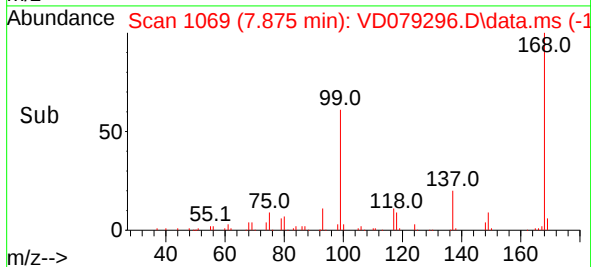
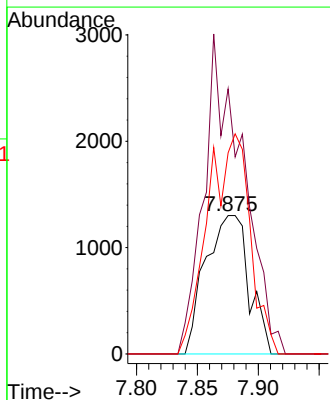
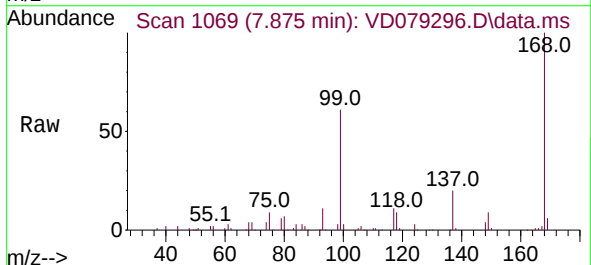


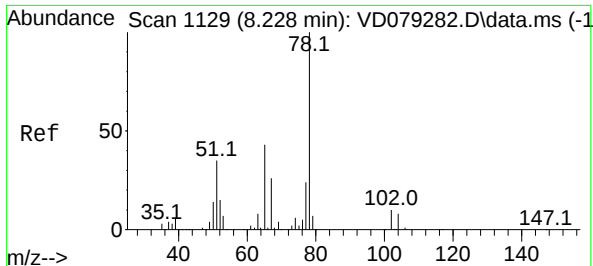
Tgt Ion: 84	Resp: 16606
Ion Ratio	Lower Upper
84 100	
49 106.5	75.6 113.4
51 25.5	24.2 36.2
86 56.3	49.2 73.8



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Tgt Ion: 56	Resp: 3239
Ion Ratio	Lower Upper
56 100	
69 191.6	28.0 42.0#
84 145.3	87.4 131.0#

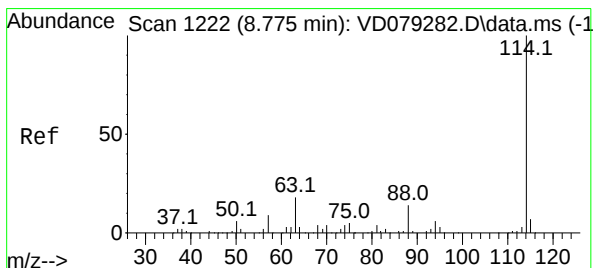
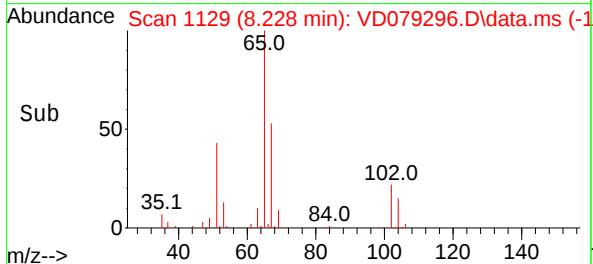
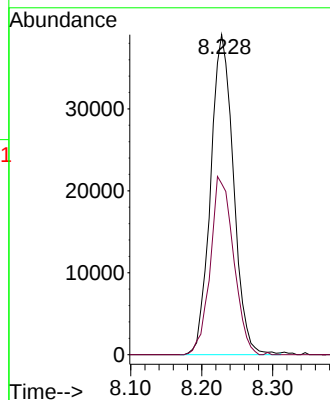
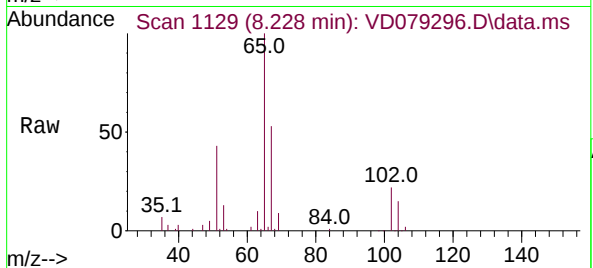




#33
1,2-Dichloroethane-d4
Concen: 65.153 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

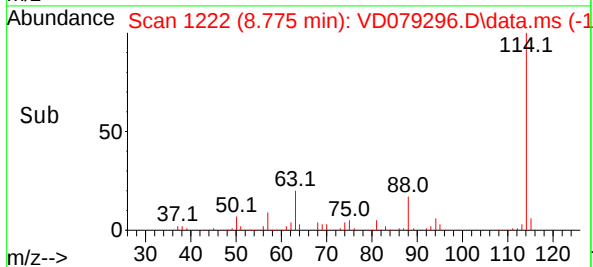
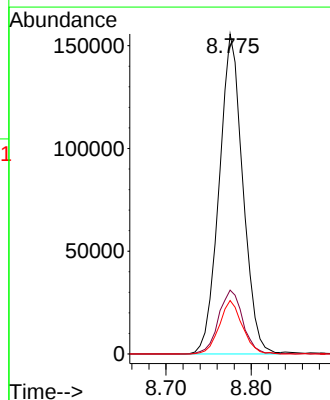
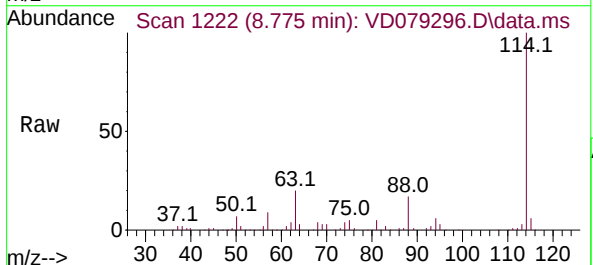
Instrument :
MSVOA_D
ClientSampleId :

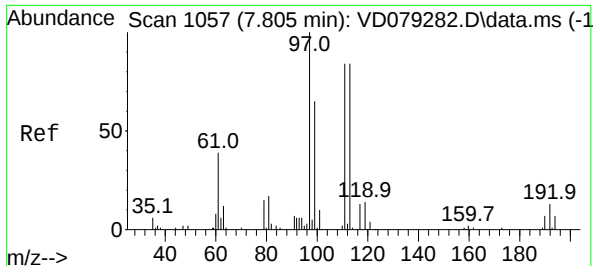
Tgt Ion: 65 Resp: 87283
Ion Ratio Lower Upper
65 100
67 56.6 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Tgt Ion:114 Resp: 300273
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.0
88 16.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 7.805 min Scan# 1

Delta R.T. -0.000 min

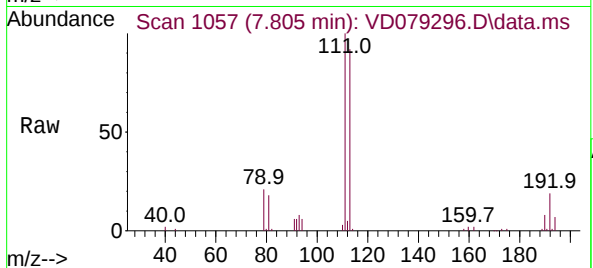
Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :



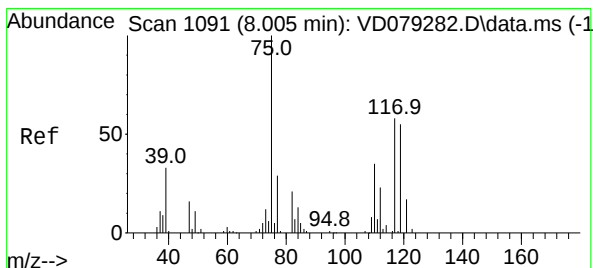
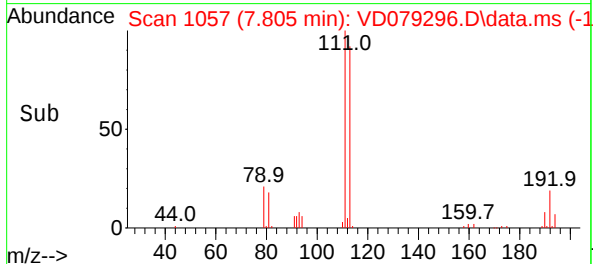
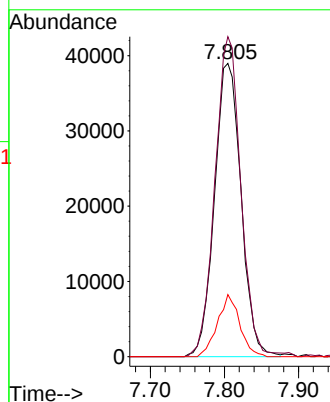
Tgt Ion:113 Resp: 97096

Ion Ratio Lower Upper

113 100

111 106.5 84.0 126.0

192 17.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.571 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

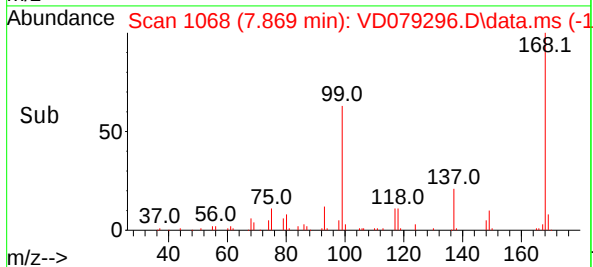
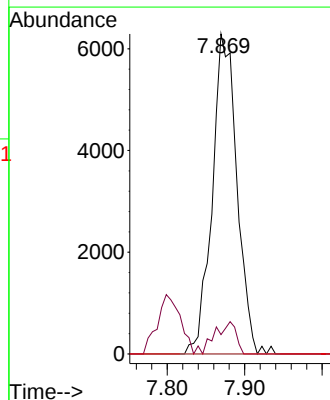
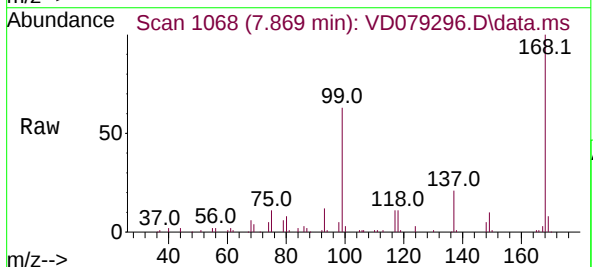
Tgt Ion: 75 Resp: 13997

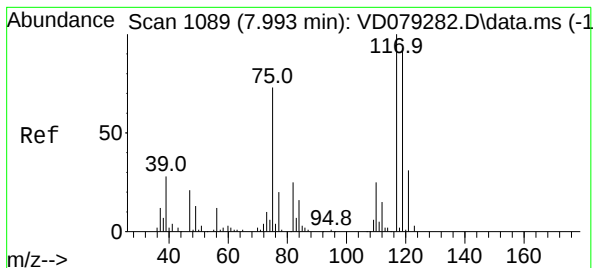
Ion Ratio Lower Upper

75 100

110 8.4 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 4.885 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

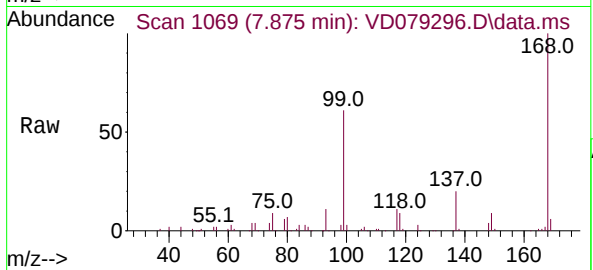
Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :



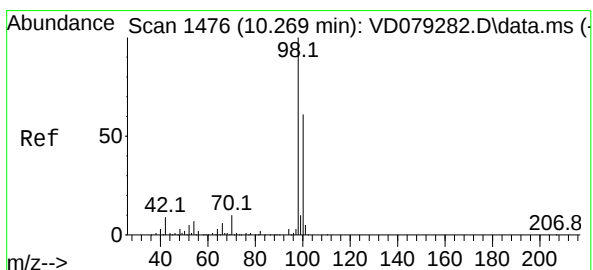
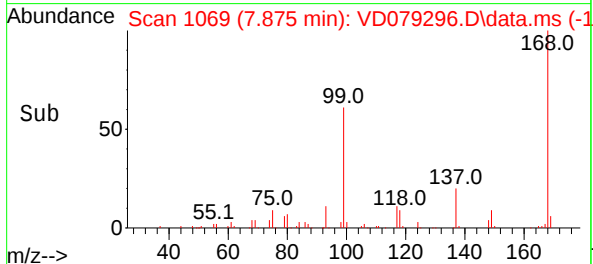
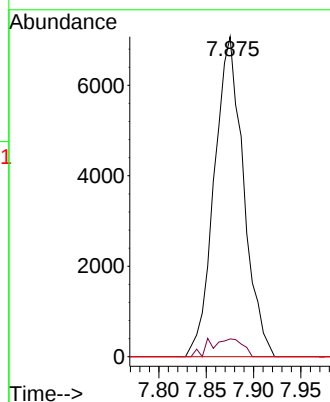
Tgt Ion:117 Resp: 15190

Ion Ratio Lower Upper

117 100

119 5.6 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 41.339 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079296.D

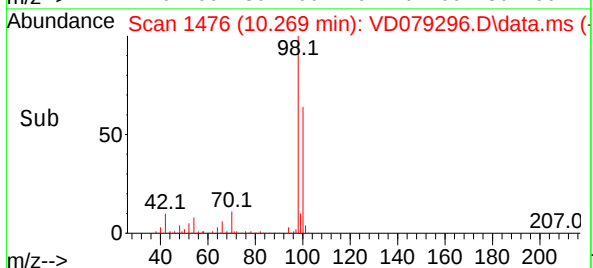
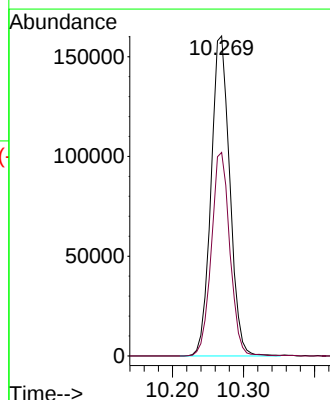
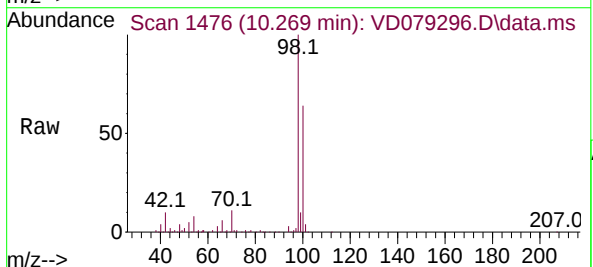
Acq: 01 Jul 2024 15:18

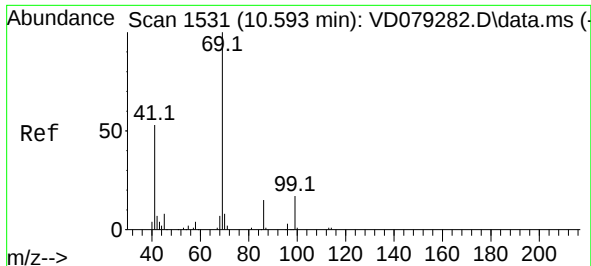
Tgt Ion: 98 Resp: 293121

Ion Ratio Lower Upper

98 100

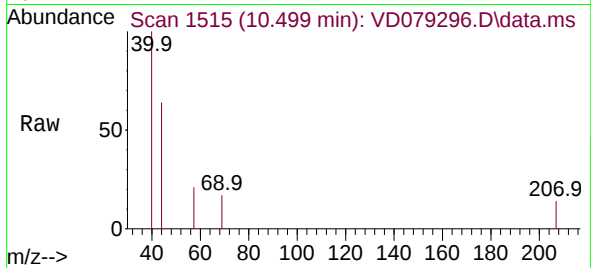
100 62.8 51.6 77.4



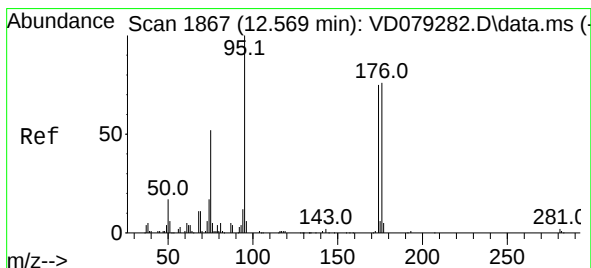
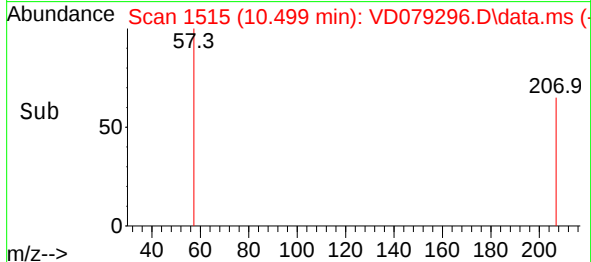
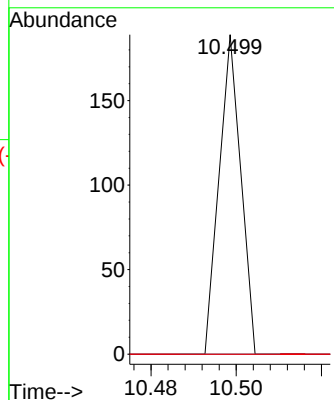


#56
Ethyl methacrylate
Concen: 3.747 ug/l
RT: 10.499 min Scan# 1515
Delta R.T. -0.094 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

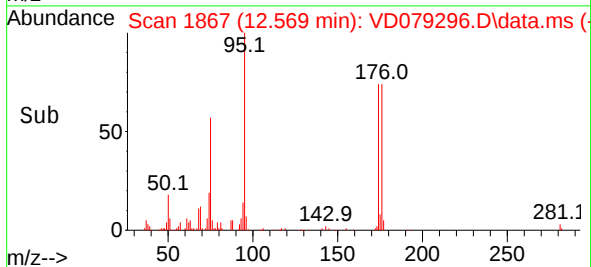
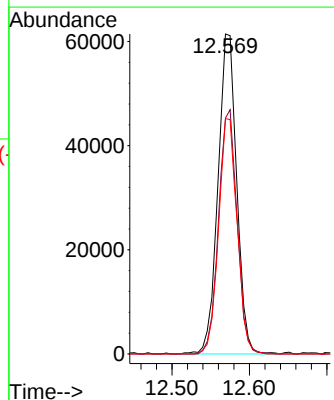
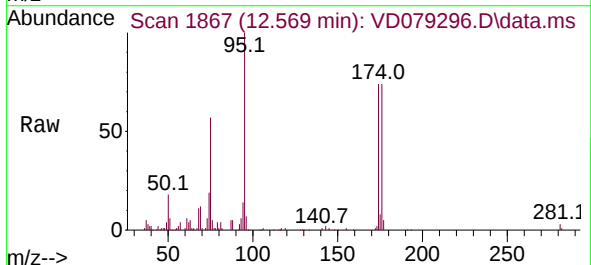


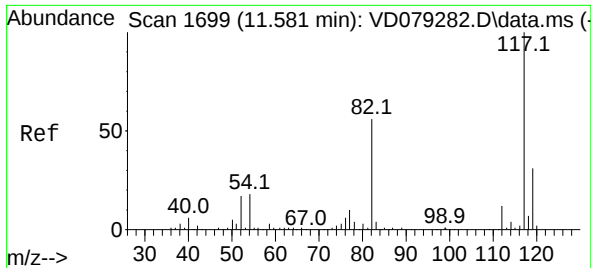
Tgt Ion: 69 Resp: 67
Ion Ratio Lower Upper
69 100
41 0.0 39.8 59.6#
39 0.0 20.2 30.4#



#62
4-Bromofluorobenzene
Concen: 45.257 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Tgt Ion: 95 Resp: 102903
Ion Ratio Lower Upper
95 100
174 75.5 0.0 195.4
176 72.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

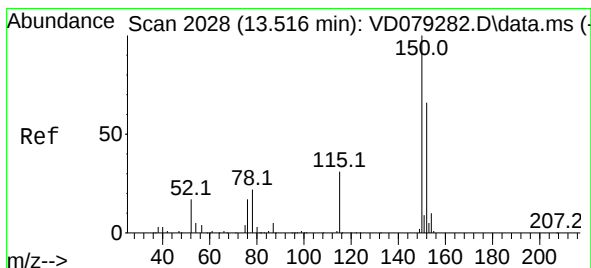
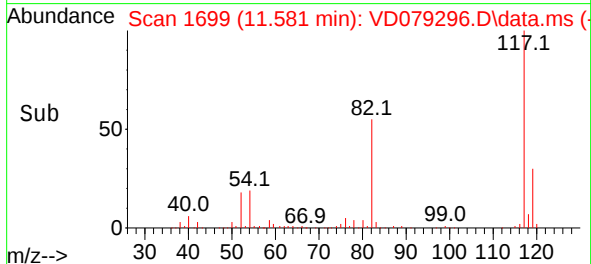
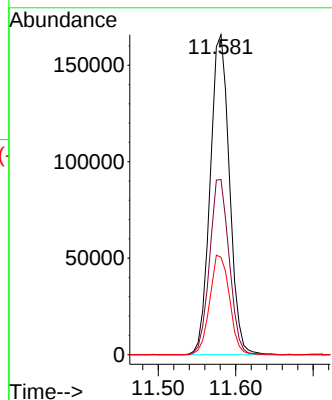
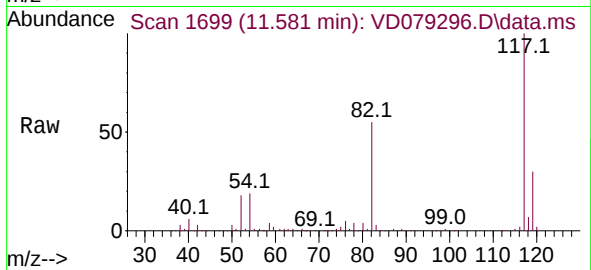
Tgt Ion:117 Resp: 286161

Ion Ratio Lower Upper

117 100

82 54.8 39.8 59.6

119 30.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

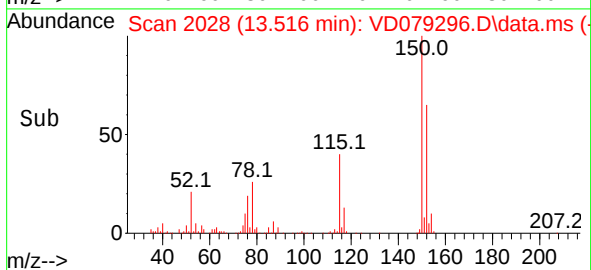
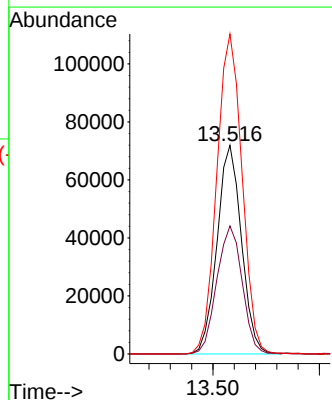
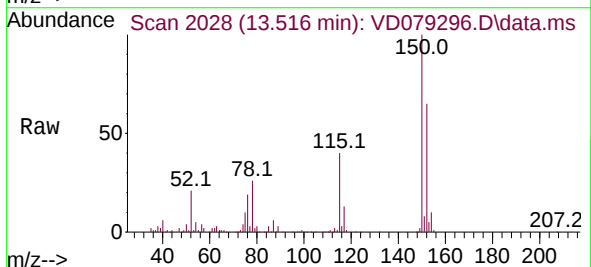
Tgt Ion:152 Resp: 114232

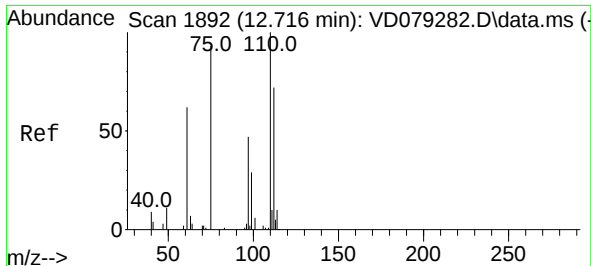
Ion Ratio Lower Upper

152 100

115 63.8 26.5 79.5

150 158.8 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 46.808 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

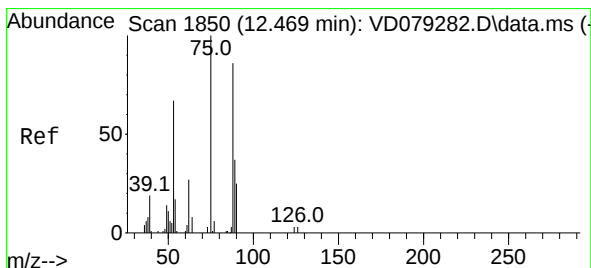
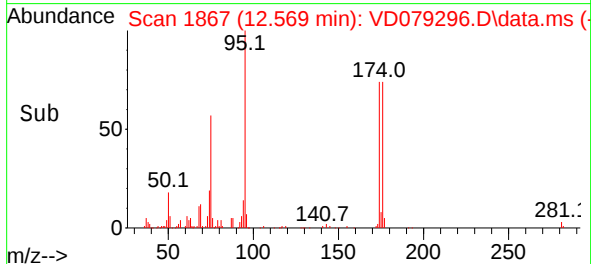
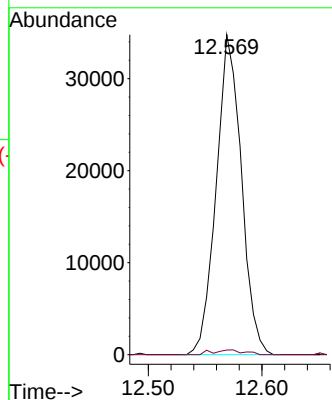
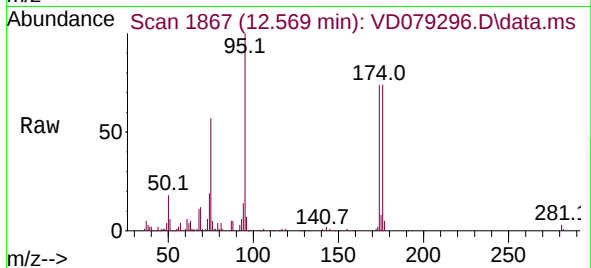
ClientSampleId :

Tgt Ion: 75 Resp: 53510

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.858 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Tgt Ion: 75 Resp: 53510

Ion Ratio Lower Upper

75 100

53 0.1 61.4 92.2#

89 0.0 35.4 53.0#

